BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

FIRST AND FINAL BILL

Name of work: Improvements to Roads and Drains at Venkatagiriyappa Layout, Seethappa Layout Roads and Surrounding areas in Ward No. 14 (Vidyaranyapura).

Estimated Cost : Rs. 25.00 Lakhs

Job Code: 014-23-000008

Head of Account : P3726 Zonal Public Works

Name of Agency: Sri D.A Ravindra, No. 1265, HIG Mother Dairy Road, Near Karnataka Bank, Yelahanka New Town, Bengaluru - 560064.

Work Order: BBMP/EE/BTP/WO/138/2022-23 Dated: 03-03-2023.

Date of Recording: 12-10-2023

Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
1	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 01 is =					236.30	Cum	161.60	38186.00
2	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 02 is =					35.45	Cum	4826.40	171096.00
3	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)						Cum		

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
G.B.M.P, Bangalore - 97

S No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
	Qty as per Premeasurement Recorded vide E-Bill Page No. 03 is =					**74.39**		5445.50	**405091.00**
4	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification						Tonne		
	Qty as per Premeasurement Recorded vide E-Bill Page No. 04 is =					**4.46**		80095.70	**357227.00**
5	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with **10cm** thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, copmplete.						Sqm		
	Covering Slab								
	Venkatagiriyappa Layout								
	1st Cross Road	1	14.40	0.90		12.96			
		1	20.00	0.90		18.00			
	1st Main Road	1	26.10	0.90		23.49			
	7th Cross Road								
	E/S	1	44.10	0.90		39.69			
	W/S	1	43.90	0.90		39.51			
	Seethappa Layout 1st Cross								
	W/S	1	13.00	0.90		11.70			
		1	18.30	0.90		16.47			
	Opp Road W/S	1	25.00	0.90		22.50			
		31	0.60	0.90		16.74			
		17	0.60	0.90		9.18			
	BEL layout 6th Block 3rd Main								
	N/S	1	15.00	0.90		13.50			
		1	12.50	0.90		11.25			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	6.60	0.90		5.94			
		1	15.00	0.90		13.50			
	S/S	1	15.00	0.90		13.50			
		1	13.00	0.90		11.70			
		1	15.40	0.90		13.86			
		1	16.70	0.90		15.03			
		1	11.10	0.90		9.99			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
	Total	1	3.00	0.90		2.70			
						402.21			

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Contractor

Assistant Engineer

Assistant Executive Engineer

Sl No	Description of work	Mesurement				Qty.	Unit	Rate	Amount
		No.	L	B	D				
	Qty Limited to App Qty					401.94			
	Qty upto 125%					311.63		1636.90	510099.00
	Qty above 125%					90.32		1636.88	147835.00
6	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)						Cum		
	Qty Vide Item No- (1)					236.30			
	Total					236.30		64.30	15194.00
7	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km						T.Km		
	Qty frm Item No-06		236.30	1.28		302.46			
	Total					302.46		91.20	27584.00
	Sub Total								1672312.00
	GST @ 18%								301016.00
	Grand Total								1973328.00

Assistant Engineer
Ward No. 14, Vidyaranyapura

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Contractor

Assistant Engineer

Assistant Executive Engineer